


10/765067

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)				ATTY DOCKET NO. 2801-0208P		APPLICATION NO. NEW Rule 53(b) Div. of 10/145,712	
				APPLICANT Martin J. PAGE et al.			
				FILING DATE January 28, 2004		GROUP Unassigned 1644	
<b>U.S. PATENT DOCUMENTS</b>							
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		USP 4456748	1984	Goeddel			
		USP 4816567	1989	Cabilly et al.			
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		USP 5098833	1992	Lasky et al.			
		USP 5116964	1992	Capon et al.			
		USP 5225538	1993	Capon et al.			
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		USP 5455165	1995	Capon et al.			
		USP 5514582	1996	Capon et al.			
		USP 5460811	1995	Goeddel et al.			
		USP 5500362	1996	Robinson et al.			
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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	APPLICANT Martin J. PAGE et al.	
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*Paul G. Ganser*  
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
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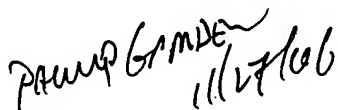
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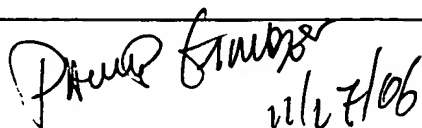
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<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUB CLASS	TRANSLATION	
						YES	NO
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.							
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11	Written Questioning in JP 333868/91 with Translation and Comments						

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/765,067-Conf.#2323		
		Filing Date	January 28, 2004		
		First Named Inventor	Martin J. PAGE		
		Art Unit	1644		
		Examiner Name	P. Gambel		
Sheet	1	of	5	Attorney Docket Number	2801-0208P

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JP	AA*	US-5,807,715	09-15-1998	Morrison et al.	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
JP h h	BA	WO-91/04336-A1	04-04-1991	Centocor, Inc.		✓
	BB	WO-87/01131-A1	02-26-1987	Gene Labs, Inc.		✓
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	BE	EP-0 404 003	12-27-1990	XOMA Corp.		✓
	BF	EP-0 314 161-A1	05-03-1989	Bristol Myers Squibb		✓

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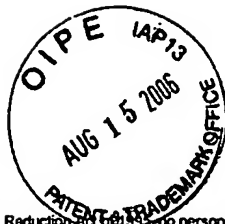
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Reply of Applicant concerning EP92306420.8 dated 15 October 1999.	
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	CF	Declaration of Dr. J. Adair (unsigned), from EP 92 306 420.8	
	CG	Levy, S. et al.; Gene 54, pp. 167-173 (1987)	
	CH	Persson M.A. et al.; PNAS, Vol. 88, pp. 2432-2436 (March 1991).	
	CI	Liu, A. Y. et al.; J. Immunology, Vol. 139, No. 10, pp. 3821-3528 (November 1987).	
	CJ	Liu, A.Y. et al.; PNAS, Vol. 84, pp. 3439-3443 (1987).	
	CK	Mountain A and Adair J.R.; Biotechnology and Genetic Engineering Reviews, Vol. 10, p. 1-142 (December 1992).	
	CL	Sambrook et al.; Molecular cloning: A Laboratory Manual, pp. 8.8-8.10. (1989)	
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	CN	Ehrlich, P.H. et al.; Molecular Immunology, Vol. 28, No. 4/5, pp. 319-322 (1991).	
	CO	Reply of Applicant concerning EP92306420.8 dated 28 May 1998 (as filed in Opposition).	
	CP	Knight, D.M. et al.; Hum. Antibod. Hybridomas, Vol. 3, pp. 129-136 (July 1992).	
	CQ	Robinson B.R. et al.; Hum. Antibod. Hybridomas, Vol. 2, pp. 84-93 (April 1991).	

Examiner Signature	Date Considered
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T. H. Gambel 11/27/06



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			Application Number	10/765,067-Conf.#2323	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Filing Date	January 28, 2004	
			First Named Inventor	Martin J. PAGE	
(Use as many sheets as necessary)			Art Unit	1644	
			Examiner Name	P. Gambel	
Sheet	2	of	5	Attorney Docket Number	2801-0208P

CR	Bebbington C.R.; Methods; A companion to Methods in Enzymology; Vol. 2, No. 2, pp. 136-145 (April 1991).
CS	Carter, P. et al.; PNAS, Vol. 89, pp. 4285-4289 (May 1992)
CT	Handa-Corrigan et al., Enzym. Microb. 11: 230-235 (1989)
CU	Schneider et al., J. Immunol. Meth. 116: 65-77 (1989)
CV	Ehrlich et al.; Hum. Antib. Hybridomas, Vol. 1, pp. 23-26 (1990)
CW	Bebbington, C.R. et al.; Biotechnology, Vol. 10, pp. 169-175 (1992)
CX	Fouser, L.A. et al.; Biotechnology, Vol. 10, pp. 1121-1127 (1992)
CY	Gillies, S.D. et al.; J. Immunol. Methods, Vol. 125, pp. 191-202 (1989)
CZ	King, D.J. et al.; Biochem. J., Vol. 281, pp. 317-323 (1992)
CA1	Larick, J. W. et al.; Biotechnology, Vol. 7, pp. 934-938 (1989).
CB1	Newman, R. et al.; Biotechnology, Vol. 10, pp. 1455-1460 (1992)
CD1	Specification of U.S. Appl. No. 07/856,281.
CD1	Specification of U.S. Appl. No. 07/735,064.
CE1	Reasons for Allowance in U.S. Patent 5,876,961 (App. No. 08/378,939).
CF1	Oka et al., Bioprocess Technol. Vol. 10, 71-92 (1990)

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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			Filing Date	January 28, 2004	
			First Named Inventor	Martin J. PAGE	
			Art Unit	1644	
Examiner Name	P. Gambel				
Attorney Docket Number	2801-0174P				
Sheet	3	of	5		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
PJS	AA*	US-4,205,126		05-27-1980	Cartaya, Oscar A.	
	AB*	US-4,608,337		08-26-1986	Croce, Carlo M.	
	AC*	US-4,657,866		04-14-1987	Kumar, S.	
	AD*	US-4,767,704		08-30-1988	Cleveland, W. L. et al.	
	AE*	US-4,929,706		05-29-1990	Heifetz, A.H. et al.	
	AF*	US-5,001,065		03-19-1991	Larrick, J.W. et al.	
	AG*	US-5,045,468		09-03-1991	Darfler, F.J.	
	AH*	US-5,063,157-A		11-05-1991	Stockinger, H.	
	AI*	US-5,135,866		08-04-1992	Heifetz, A. H. et al.	
	AJ*	US-6,291,158-B1		09-18-2001	Winter, G. P. et al.	

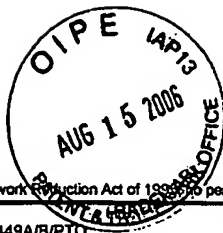
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
	BA**	JP-63-7780-A		04-13-1988	Nippon Zemyaku Industries, Co., Ltd.		✓
	BB	FR-2 543 158-A1		09-28-1984	Institut National de la Sante et de la Recherche Medicale		✓
	BG	JP-01 25480-A		04-02-1986	Nissui Seiyaku Co.		✓
	BD	EP-0 307 247-A2		03-15-1989	Genentech, Inc.		✓
	BE	EP-0 316 068-A1		05-17-1989	Collaborative Research, Inc.		✓
	BF**	EP-0 239 400-A2		09-30-1987	Winter, Gregory Paul		✓
	BG	EP-0 925 190-A2		11-05-1991	BOEHRINGER MANNHEIM GmbH		✓
	BH	EP-0 389 786-A1		10-03-1990	W. R. Grace & Co.-Conn.		✓
	BI	EP-0 390 327-A2		10-03-1990	Eli Lilly and Company		✓
	BJ	WO-88 00967-A1		02-11-1988	The University of New South Wales (AU)		✓
	BK	GB-2 196 328-A1		04-27-1988	Ceskoslovenska Akadmie Ved		✓
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			First Named Inventor	Martin J. PAGE	
			Art Unit	1644	
			Examiner Name	P. Gambel	
			Attorney Docket Number	2801-0174P	
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	1990 GIBCO BRL Catalogue & Reference Guide	
	CB	Ahmed, S., "Eating Human Hair by Another Name?" (2001) [www.albalagh.net/halal/col2/shtml]	
	CC	Blech, Z. Y., reprinted with permission from <i>MK News and Views</i> , Vol. IV, Issue 6 (May 2003)	
	CD	Brown, P. et al., <i>Emerging Infectious Diseases</i> , Vol. 7, No. 1, pp. 6-16 (2001)	
	CE	C6852, <i>Biochemicals and Reagents for Life Science Research</i> , p. 600 (2002-2003) Sigma-Aldrich Company (Current website information also included)	
	CF	C7880, <i>Biochemicals and Reagents for Life Science Research</i> , p. 600 (2002-2003) Sigma-Aldrich Company (Current website information also included).	
	CG	C8503, <i>Biochemicals and Reagents for Life Science Research</i> , p. 508 (2002-2003) Sigma-Aldrich Company (Current website information also included)	
	CH	Darfler, F. J., <i>In Vitro Cell Dev. Biol.</i> , Vol. 26, pp. 779-783 (August 1990).	
	CI	Darfler, F. J., <i>In Vitro Cell. Dev. Biol.</i> , Vol. 26, pp. 769-778 (August 1990).	
	CJ	Bickman, Steven, <i>Nature</i> , Vol. 329, , p. 193 (1987).	
	CK	Freshney, R. I. et al.; <i>Culture of Animal Cells</i> , Second Edition, Wiley-Liss, pp. 57-84 (1987).	
	CL	Dyer, Martin J.S. et al.; <i>Blood</i> , Vol. 73, No.6., pp. 1431-1439 (1989).	
	CM	Goeddel, David V. et al.; <i>Proceedings of the National Academy of Sciences USA</i> , Vol. 76, No. 1, pp. 106-110 (1979)	
	CN	Feldman G.M., (Oct. 2001). "Amino Acid Production and the Associated Theoretical Risk of BSE Transmission from their Use in the Production of Biologicals, Drugs, and Medical Devices", <i>FDA TSA Advisory Committee Meeting</i> [www.fda.gov/Ohrms/dockets/ac/01/slides/	
	CO	Feys, V. et al.; <i>Chemical Abstracts</i> , Vol. 108, (23) p. 514 (1988). Abs. No. 202886C	
	CP	Gasser, F. et al.; <i>In Vitro Cellular &amp; Developmental Biology</i> , Vol. 21, No. 10, pp. 588-592 (1985).	
	CQ	Hale, G. et al.; <i>Journal of Immunological Methods</i> , Vol. 103, pp. 59-67 (1987).	
	CR	Hale, G. et al.; <i>Mol. Biol. Med.</i> , Vol. 1, pp. 305-319 (1983).	
	CS	Ham, R. G., <i>Proceedings of the National Academy of Sciences</i> , Vol. 53, pp. 288-293 (1965)	
	CT	Hamilton, W. G. et al.; <i>In Vitro</i> , Vol. 13, No. 9, pp. 537-547 (1977).	
	CU	Holtta, E. et al.; <i>Biochimica et Biophysica Acta</i> , Vol. 721, pp. 321-327 (1982).	
	CV	Kagawa, Y. et al.; <i>Journal of Biochemistry</i> , Vol. 68, pp. 133-136 (1970).	
	CW	Keay, L.; <i>Biotechnology and Bioengineering</i> , Vol. XVIII, pp. 363-382 (1976).	
	CX	Kohrle, J., <i>Biochimie</i> , Vol. 81, pp. 527-533 (1998).	
	CY	Marquis, C.P. et al.; <i>Cytotechnology</i> , Vol. 2, pp. 163-170 (1989).	
	CZ	McCormick, F. et al.; <i>Molecular and Cellular Biology</i> , Vol. 4, pp. 166-172 (1984).	
	CC1	McKeehan W. L. et al., <i>Proceedings of the Natinal Academy of Sciences, USA</i> , Vol. 73, No. 6, pp. 2023-0227 (1976).	

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*11/27/06*

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				Filing Date	January 28, 2004
				First Named Inventor	Martin J. PAGE
				Art Unit	1644
				Examiner Name	P. Gambel
Sheet	5	of	5	Attorney Docket Number	2801-0174P

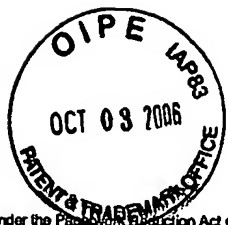
CD1	Mendez, E. et al.; <i>In Vitro Cellular &amp; Developmental Biology</i> , Vol. 22, pp. 66-74 (1986)	
CE1	Murphy, Science, Vol. 273 pp. 746-747 (1996)	
CF1	Nakamori, S. et al.; <i>Applied and Environmental microbiology</i> , Vol. 64, No. 5, pp. 1607-1611 (1998).	
CG1	Ogata, M. et al.; <i>Applied Microbiology Biotechnology</i> , Vol. 38, No. 4, pp. 520-525 (1993).	
CH1	Phillipotts, R.J., <i>Cytotechnology</i> , Vol. 2, pp. 161-162 (1989).	
CI1	Rabbi S. Emanuel, MK Vaad Hair, Vol. IV, Issue 7, 9 pages (2003) ( <a href="http://www.mk.ca/page611.php">www.mk.ca/page611.php</a> )	
CJ1	Regenstein et al.; E-Journal ( <a href="http://www.Kashrut.com">www.Kashrut.com</a> ), Kosher Issues for Today's Dairy Industry, 2002	
CK1	Saban, Tahir "Food Additives from Islamic Perspective", Version 1.3 (2004) ( <a href="http://www.sv1.mycity.at/privat.9704236/lm/LM-en.html">www.sv1.mycity.at/privat.9704236/lm/LM-en.html</a> )	
CL1	Salahuddin, S. Z. et al.; <i>Journal of Experimental Medicine</i> , Vol. 155, pp. 1842-1857 (1982).	
CM1	Scahill, S. J. et al.; <i>Proceedings of the National Academy of Sciences</i> , Vol. 80, pp. 4654-4658 (1983).	
CN1	Sano, Emiko et al.; <i>Cell Structure and Function</i> , Vol. 13, pp. 143-159 (1988)	
CO1	Katsuta and Takaoka, <i>Japanese Journal of Experimental Medicine</i> , Vol. 30, No. 3, pp. 235-259 (1960).	
CP1	Higuchi, Kioshi; <i>Advances in Applied Microbiology</i> , Vol. 16, pp. 111-136 (1973).	
CQ1	Abstract of USPTO database regarding TM for NUCELLIN of Eli Lilly (2000)	
CR1	<i>Organic. Chem.</i> , John Wiley & Sons, Vol. II, 2 <sup>nd</sup> ed. (1943), pp. 1129-1130, 1136-1137	
CS1	Schneider, Y-J., <i>J. Immunol. Meth.</i> 116, pp. 65-77 (1989)	
CT1	Taylor et al., <i>Mutation Research</i> , Vol. 67, pp. 65-80 (1979)	
CU1	Whitaker et al. <i>Biopharm.</i> Vol. 3 (8), pp. 5-6 (1990)	
CV1	Spira et al., <i>Trends in Animal Cell Cultures Tech.</i> , pp. 67-73 (1990)	
CW1	Titeux et al., <i>J. Cell. Physiol.</i> , Vol. 121, pp. 254-256 (1984)	
CX1	Tsujiimoto et al., <i>J. Biochem.</i> , Vol. 106, pp. 23-28 (1989)	
CY1	Yang et al., <i>PNAS</i> , Vol. 81, pp. 2752-2759 (1984)	
CZ1	Zekauskas et al., <i>J. Okla. State Med. Assoc.</i> , Vol. 83, pp. 447-448 (1990)	
CA2	Iscove & Melchers, <i>J. Exper. Med.</i> , Vol. 147, pp. 925-933 (1978)	
CB2	Dulbecco & Freeman, <i>Virology</i> , Vol. 8, pp. 396-397 (1959)	
CC2	Eagle H., <i>Science</i> , Vol. 130, pp. 432-437 (1959)	
CD2	Sigma-Aldrich Company Search Results regarding Trypsin (2004)	
CE2	Hale et al., <i>Transplantation</i> Vol. 45, pp. 753-759 (1988)	
CF2	Katsuta et al., <i>Meth. in Cell Biol.</i> , Vol. 6, pp. 1-42 (1973)	
CG2	Noda, <i>Chem. Abstracts</i> , 110, page 652, Abstract No. 171821n (1989)	
CH2	15500 Biochemicals & Reagents for Life, page 1147 (2002-2003), Sigma-Aldrich Company	
CI2	Loren, K., <i>Vibrant Life</i> , Vol. 2, 13 pages (1999)	
CJ2	Ungemach et al., 50 <sup>th</sup> Meeting of Joint FAO/WHO Expert Committee on Food Additives (JECFA), WHO, 1998	
CK2	Schneider & Lavoix, <i>J. Immunol. Meth.</i> , Vol. 129, pp. 251-268 (1990)	
CL2	Luff P., cited in "The BSE Inquiry: The Report by the British Government (2000)	
CM2	Merten et al., <i>Production of Biologicals from Animal Cells in Culture Research, Development, and Achievements</i> , 10 <sup>th</sup> Mtg., Avignon, France (1990) pp. 170-179 and 352-360	

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			First Named Inventor	Martin J. Page	
			Art Unit	1644	
			Examiner Name	P. Gambel	
Sheet	1	of	2	Attorney Docket Number	2801-0208P

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
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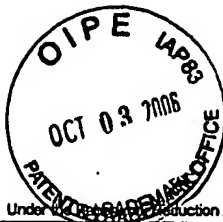
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KG	CA	Opposition against EP 1247865 filed by Cambridge Antibody Technology Limited, (UK) on February 2, 2006.	
	CB	Opposition against EP 1 247 865 filed by Amgen Inc., (USA) on March 15, 2006.	
	CC	Opposition against EP 1 247 865 filed by ASTRAZENECA AB, (Sweden) on March 13, 2006.	
	CD	Opposition against EP 1 247 865 filed by Schering, AG (Germany) on March 13, 2006.	
	CE	Opposition against EP 1 247 865 filed by Serono International S.A. (Switzerland) on February 27, 2006.	
	CF	Opposition against EP 1 247 865 filed by Biovitrum AB (Sweden) on March 15, 2006.	
	CG	Opposition against EP 1 247 865 filed by Biointvent International AB (Sweden) on March 15, 2006.	
	CH	Opposition against EP 1 247 865 filed by Genentech Inc. (USA) on March 15, 2006.	
	CI	Opposition against EP 1 247 865 filed by Boehringer Ingelheim Pharma GmbH & Co., KG (Germany) on March 15, 2006.	
	CJ	Opposition against EP 1 247 865 filed by Novartis AG (Switzerland) on March 15, 2006.	
	CK	Opposition against EP 1 247 865 filed by ABBOTT LABORATORIES (USA) on March 15, 2006.	
	CL	Opposition against EP 1 247 865 B1 filed by Wyeth (USA) on March 15, 2006.	
	CM	Opposition against EP 1 247 865 filed by GENMAB A/S (Denmark) on March 15, 2006.	

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		Art Unit	1644		
		Examiner Name	P. Gambel		
Sheet	2	of	2	Attorney Docket Number	2801-0208P

<i>h</i>	EN	Larrick, J.W. et al.; Biochemical & Biophysical Research Communications, Vol. 160, No. 3 (1989), pp. 1250-1256.	
	CO	Van Meurs, G.J.F. et al.; Journal of Immunological Methods, Vol. 95 (1986) pp. 123-128.	
	CP	Teshima, G. et al.; Biochemistry, Vol. 30, (1991), pp. 3916-3922.	
	CQ	DiAugustine, R.P. et al.; Analytical Biochemistry, Vol. 165 (1987), pp. 420-429.	
	CR	Cini, J.K. et al.; Archives of Biochemistry and Biophysics; Vol. 263, No. 1, pp. 96-106(1988)	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

*Patent Examiner 11/2/06*

Examiner Signature		Date Considered	
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MAA:bmp

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**INFORMATION DISCLOSURE CITATION  
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
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	US						

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
<i>JP</i>	JP	2-222696		1990-09-05	JAPAN			X*	

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

<i>Heath et al., J. of Biotechnology, Vol. 15 (1990) pp. 71-90.</i>

EXAMINER

*Phuwo Gamba 11/27/06*

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